CLAIMS:

1. An inkjet recording element comprising a support having thereon a non-porous ink-receiving layer comprising a hydrophilic binder, a cationic or anionic polymeric mordant, and particles of a synthetic, substantially amorphous aluminosilicate material, the primary particles thereof having an average diameter of 1 to 10 nm, wherein the synthetic, substantially amorphous aluminosilicate material exhibits an X-ray diffraction pattern that comprises weak peaks at about 2.2 and 3.3 Å.

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- 2. The inkjet recording element of claim 1 wherein the hydrophilic binder comprises poly(vinyl alcohol).
- 3. The inkjet recording element of claim 1 wherein the polymeric mordant is a cationic polymer.
 - 4. The inkjet recording element of claim 1 wherein the inkjet recording element further comprises a base layer located between the inkreceiving layer and the support.

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- 5. The inkjet recording element of claim 1 wherein the inkjet recording element further comprises an overcoat.
- 6. The inkjet recording element of claim 1 wherein the synthetic,
 substantially amorphous aluminosilicate particles are substantially in the form of hollow spheres.
- 7. The inkjet recording element of claim 1 wherein the synthetic,
 substantially amorphous aluminosilicate material is a synthetic allophane with
 30 essentially no iron atoms.

- 8. The inkjet recording element of claim 3 wherein the cationic polymer in the ink-receiving layer is a polymeric quaternary ammonium.
- 9. The inkjet recording element of claim 8 wherein the polymeric
 quaternary ammonium comprises monomeric units derived from vinylbenzene trimethyl ammonium chloride.
 - 10. The inkjet recording element of claim 1 wherein the synthetic, substantially amorphous aluminosilicate material is a synthetic allophane having a positive charge.
 - 11. The inkjet recording element of claim 1 wherein the synthetic, substantially amorphous particles comprise a polymeric aluminosilicate having the formula:

15 $Al_xSi_yO_a(OH)_b^{\bullet}nH_2O$

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where the ratio of x:y is between 0.5 and 4, a and b are selected such that the rule of charge neutrality is obeyed; and n is between 0 and 10.

- 12. The inkjet recording element of claim 11 wherein the polymeric aluminosilicate comprises organic groups.
 - 13. The inkjet recording element of claim 11 wherein the polymeric aluminosilicate has the formula:

- where the ratio of x:y is between 1 and 3.6, and a and b are selected such that the rule of charge neutrality is obeyed; and n is between 0 and 10.
 - 14. The inkjet recording element of claim 1 wherein the average particle size of the synthetic, substantially amorphous particles is in the range from about 3 nm to about 6 nm.

- 15. The inkjet recording element of claim 1 wherein the synthetic, substantially amorphous particles are present in an amount of 5 to 30 weight percent solids.
- 16. The inkjet recording element of claim 11 wherein the synthetic, substantially amorphous aluminosilicate material is present in the ink-receiving layer in an amount of 5 to 30 weight percent solids and comprise substantially spherical hollow spheres, wherein the material is represented by the formula:

Al_xSi_yO_a(OH)_b•nH₂O

- where the ratio of x:y is between 1 and 3.6, and a and b are selected such that the rule of charge neutrality is obeyed; and n is between 0 and 10.
 - 17. The inkjet recording element of claim 16 wherein the inkreceiving layer comprises a binder in the amount of at least 65 weight percent based on total solids.
 - 18. The inkjet recording element of claim 1 wherein the ratio of hydrophilic binder to the synthetic, substantially amorphous aluminosilicate particles is about from about 95:5 to about 75:25.

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- 19. An inkjet printing method, comprising the steps of:
- A) providing an inkjet printer that is responsive to digital data signals;
 - B) loading the inkjet printer with the inkjet recording element of
- 25 Claim 1;
- C) loading the inkjet printer with an inkjet ink; and
- D) printing on the inkjet recording element using the inkjet ink in response to the digital data signals.